

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) ~~A non-elastomeric article~~ A blood conduit liner comprising ~~a an~~ essentially porous, essentially polytetrafluoroethylene tube provided with a covering of one or more layers of porous and essentially polytetrafluoroethylene film, said tube having a circumference wherein, in use, the circumference of said porous polytetrafluoroethylene tube increases in response to the application of internal pressure up to a second circumference that is at least 100% larger than said circumference prior to the application of the internal pressure, thereafter the second circumference remains substantially unchanged with further increasing internal pressure if used within a designed range of operating pressures.
2. (canceled)
3. (previously presented) The article of claim 1 having a wall thickness less than or equal to about 0.25 mm.
4. (previously presented) The article of claim 3 having a wall thickness less than or equal to about 0.10 mm.
5. (previously presented) The article of claim 1 wherein said porous polytetrafluoroethylene tube has a microstructure of nodes interconnected by fibrils.
6. (previously presented) The article of claim 5 wherein said one or more layers of porous polytetrafluoroethylene film are helical layers.
7. (previously presented) The article of claim 6 in which said helical layers are in the form of a tube.
8. (canceled)

S.N. 08/499,423

9. (previously presented) The article of claim 6 in which said porous polytetrafluoroethylene film is thermally bonded to the porous polytetrafluoroethylene tube.
10. (previously presented) The article of claim 6 in which the tube exhibits minimal recoil following removal of a circumferentially distending force.
- 11-13. (canceled)
14. (previously presented) The article of claim 6 adapted for use as a vascular graft.
15. (previously presented) The article of claim 14 having a wall thickness less than or equal to about 0.25 mm.
16. (previously presented) The article of claim 15 having a wall thickness less than or equal to about 0.10 mm.
17. (previously presented) The article of claim 14 having first and second opposing ends wherein the second circumference at the first opposing end is larger than the second circumference at the second opposing end whereby the tube is tapered between the first and second opposing ends.
18. (previously presented) The article of claim 14 wherein the tube is branched and has at least three ends.
19. (previously presented) The article of claim 14 adapted for use as an intraluminal graft.
20. (previously presented) The article of claim 19 wherein the intraluminal graft is secured to a blood conduit by sutures.
21. (previously presented) The article of claim 19 wherein the intraluminal graft is secured to a blood conduit by a stent.

S.N. 08/499,423

22. (previously presented) The article of claim 19 wherein the circumference is increased by inflating a balloon.
23. (previously presented) The article of claim 19 wherein the circumference is increased by blood pressure.
24. (previously presented) The article of claim I adapted for use as a vascular graft.
25. (previously presented) The article of claim 24 adapted for use as an intraluminal graft.
26. (previously presented) The article of claim I wherein the tube exhibits minimal recoil following a substantial reduction in pressure.
27. (canceled)
28. (Currently amended) The article of claim [[27]] 1 wherein the blood conduits~~are~~ is a prosthetic vascular graft[[s]].
29. (Currently amended) The article of claim [[27]] 1 wherein the blood conduits~~are~~ is a living blood vessel[[s]].
30. (Currently amended) The article of claim 27 wherein the ~~interior~~ liner covers an anastomosis.
31. (Previously presented) The article of claim I having first and second opposing ends wherein the second circumference at the first opposing end is larger than the second circumference at the second opposing end whereby the tube is tapered between the first and second opposing ends.
32. (Previously presented) The article of claim I wherein the tube is branched and has three ends.
- 33-119. (Canceled)